

# Converting Colors

Hex(BAFEFF)

Have a look what the booklet for  
Hex(BAFEFF) contains.

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# **Color**

**Hex(BAFEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAFEFF
RGB	186, 254, 255
RGB Percent	73%, 100%, 100%
CMY	0.2706, 0.0039, 0.0000
CMYK	0.27, 0.00, 0.00, 0.00
HSL	181°, 100%, 86%
HSV	181°, 27%, 100%
XYZ	73.7415, 88.5427, 107.8116
YIQ	233.7820, -40.8490, -14.1050

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 220, 255
Decimal	12254975
CIE <sub>Lab</sub>	95.39, -20.69, -7.29
CIE <sub>LCh</sub>	95, 21.934, 199.418
Yxy	88.5427, 0.2730, 0.3278
Android (android.graphics.Color)	4290445055 (0xFFBAFEFF)
YUV	233.7820, 10.4605, -41.9048
Hunter-Lab	94.0971, -24.7841, -2.0634

# Details

The Hex color **BAFEFF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFBBBA**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **F4FFFF**, and **83C5C6** is the 20% darker color. If you saturate the color by 10%, you get **A1FEFF**, and if you desaturate by 10%, it is **D3FEFF**.

# Distribution



- Red (73%)
- Green (100%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAFEFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BAFEFF by changing the saturation by 10% instead.



 BAFEFF

FFFFFF

 F4FFFF

 BAFEFF


 9EE1E2

 83C5C6

 68AAAB

 4D8F91

 327577

 125D5E

 004547

 002E30

 001B1B

 BAFEFF

 BAFEFF

 A1FEFF

 D3FEFF

 87FDFF

 EDFFFF

 6DFDFF

FFFFFF

 54FDFF

 3AFCFF

 21FCFF

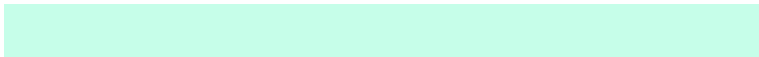
 08FBFF

 00FBFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C6FEE9



BAFEFF



BEFBFF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BAFEFF



FFE8FF



FFEEC8

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



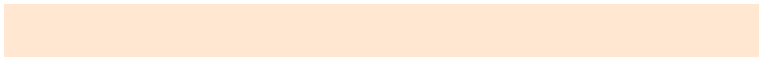
BAFEFF



FFBBBA

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE7D2



BAFEFF



FFE4FA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



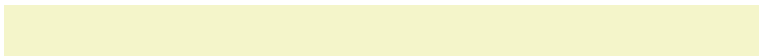
BAFEFF



ECEFFF



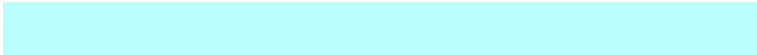
FFE3E5



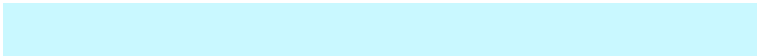
F4F5CA

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BAFEFF



C9F8FF



FFE3E5



FFEBCB

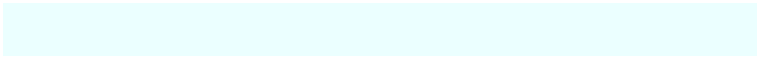


# Sweetspot

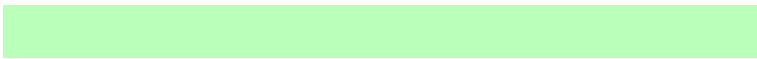
The Sweet Spot groups the original color and five complimentary colors.



BAFEFF



EBFFFF



BAFFBA



737F80



000000



808080



# Same Dimension

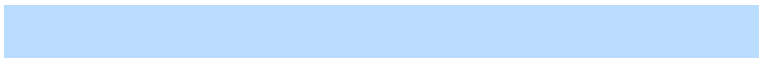
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BAFEFF



ADFEFF



BADDF



737F80



00BCBF



003F40



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FFBAFE



FFADFE



FFDDBA



80737F



BF00BC

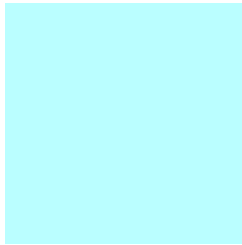


40003F



# Previews

## White Background



This preview shows how the Hex color BAFEFF looks on a white background.

## Color Contrast Check

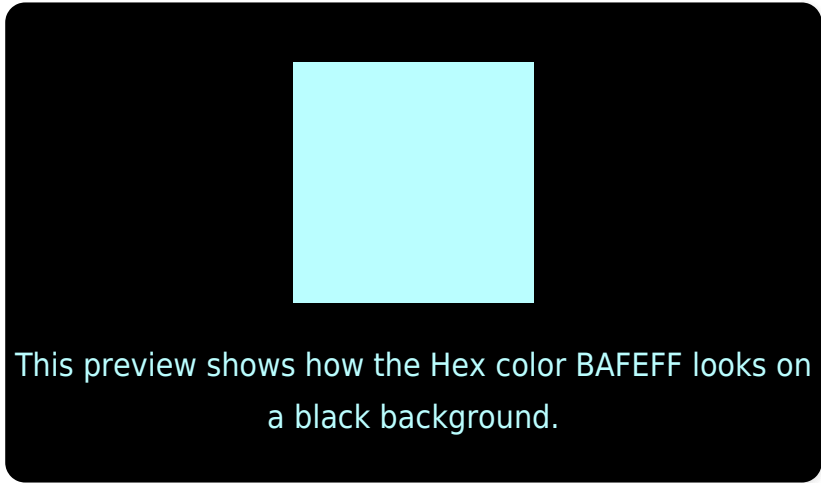
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

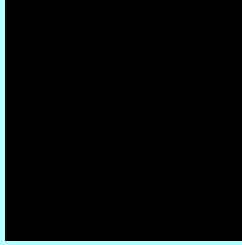
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAFEFF Background



This preview shows how black text looks on a background with the Hex color BAFEFF.



This preview shows how white text looks on a background with the Hex color BAFEFF.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



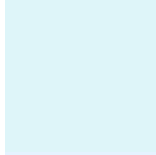


**Tritanopia**  
DCF6FF

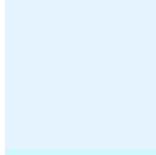
# Trichromacy



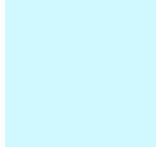
**Original Color**  
BAFEFF



**Protanomaly**  
DEF5F9



**Deuteranomaly**  
E5F3FF

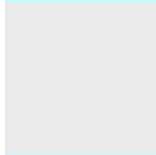


**Tritanomaly**  
D0F9FF

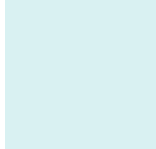
# Monochromacy



**Original Color**  
BAFEFF



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
D9F1F2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAFEFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BAFEFF looks like.

```
.text, #text, p{  
    color:#BAFEFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BAFEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAFEFF
}
```

## Border

The CSS property to change the border of an element to Hex BAFEFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BAFEFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BAFEFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BAFEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAFEFF; -webkit-box-shadow:4px 4px  
4px 4px #BAFEFF; box-shadow:4px 4px 4px  
4px #BAFEFF }
```

# Background

The CSS property to change the background color of an element to Hex BAFEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAFEFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BAFEFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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